



Ultra Flex[®] Seam Sealer & Adhesive

4172

Ultra Flex[®] Seam Sealer & Adhesive is a solvent- and isocyanate-free multi-purpose sealant. It may be applied by caulking gun or spray equipment and is easily extruded and tooled. 4172 is a moisture curing sealant developed for automotive and industrial applications requiring elasticity, high strength and excellent adhesion.



Mix Ratio

Ready to use.



Suitable Substrates

- Raw plastic - rigid (SMC, BMC)
- Raw plastic - flex (ABD, PPO)
- Raw plastic - soft (PUR)
- Plastic part - primed
- OEM finish & old paint work - reversible
- Bare steel
- Bare galvanized
- Bare aluminum
- Body filler
- 1K primer
- 2K primer
- Fiberglass/ SMC gel coat

Note: Due to the diverse nature of plastics, always test plastic substrate for acceptable adhesion. Adhesion promoter maybe required for proper adhesion.

Note: Test pre-primed panels with acetone or paint thinner. If coating fails, strip panel to bare plastic & follow SOP 251 for Raw Plastic.



Surface Prep & Application

Surfaces must be clean and free from wax, silicone or grease. Clean surface with SCAT 6311, Speedi SCAT 6321 or Aqua SCAT 2 1391/1394.

For Bonding: Abrading with 180-220 grit abrasive followed by cleaning with SCAT will improve the bond strength.

Application: Apply bead of sealant along seam to be sealed. Sealant may be tooled as desired, and holds brush marks very well. Full cure will be achieved in 12 – 24 hours depending on humidity and material thickness.

NOTE: Product can be painted immediately. If product is to be painted, it must be painted within 2 hours to assure proper adhesion. If 4172 is not painted within 2 hours, simply apply one coat of TPO Adhesion Promoter 1021 at any time after 2 hours prior to applying subsequent coats.

TIP: Another strategy for handling extended paint times is to apply 2 in 1 Primer 4603/4613/4623/4633 immediately over the 4172 then abrading with a scuff pad (red or gray) and degreasing prior to painting.

TIP: To save unused material for later use, leave the plastic nozzle on the cartridge. This will keep moisture from entering the cartridge and curing the material. Simply replace the nozzle with a new one the next time you use the product.

Refer the Technical Datasheet for #4435 Sprayable Seam Sealer Gun for spraying application.

